BOTANY Programme / Course Outcome UG & PG

	Objective of Programme / Course Outcome	Employability of Programme / Course	Attainment of Programme / Course Outcome
Programme **Master of Sciences in Botany**	This programme intends to ensure that students undergo integrated development in terms of academic learning and life skills. Students are motivated to learn and establish themselves as independent individuals, as well as to create their own identity through their interest and love towards the subject. The course offers them the scope to learn and develop an interest in various field of scientific approaches of Botany and its applications through advance knowledge in molecular mechanisms and Instrumentation.	Students who complete this programme can find employment in academia (college and university teaching and school-teaching), support staff in any capacity requiring the use of biological knowledge, medical and pathological fields, horticulture and forestry and so on. They also can be involved in various administrative services and self employment as well in different related areas.	This programme uses a combination of traditional classroom teaching, ICT classes, project work, guided reading, and honing of secondary skills (especially soft skills) to attain the desired outcome. More emphasis is placed on research, the students' points of view, and the need to write concisely and effectively. For the self development in the higher thinking to do research work is trained in the project work and dissertation work which is one of the important aspect attainment of Programme / Course Outcome of the PG courses
Courses	**PG: Semester I**		
BOT 101 C Microbiology	Making students familiar with the microbes and their application in different aspects like environment, medical science, agriculture biotechnology, soil sciences etc. The modern technology related to this subject will help the students to do better for the society.	Utility of microorganisms are in different spheres and the student of microbiology can get employment in all of those areas like medical areas, environmental management, fertilizer companies, fermented products preparation and so on.	
BOT 102 C Mycology, Plant Pathology	Making students familiar with the various kinds of fungi and their taxonomy	Apart from above students can apply various knowledge of Mycology, Plant	

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	along with the phylogeny. Students can easily understand the ecology and significance of fungi on various aspects for sustainable development. Student can also define easily about various fungal infections especially on different plants with their remedies.	Pathology and other aspects like mushroom cultivation, antibiotic preparation have potentials in employability in different other economic as well as industrial purposes. This subject also have a havoc scope for new and high quality research which will be very helpful for future earth.	
BOT 103 C Phycology, Bryology	The students are made interested on the life cycle pattern and adaptations of different members of algae and bryophytes. They should acquire knowledge about the seasonal changes of plants structure, morphology and reproduction. It will help them to identify the plant kingdom for further studies.	Algae and Bryophyta are diverse group of plants and they can be utilized in different economic, environmental and industrial purposes and the students will be able to involve themselves in those fields. This subject also has a scope for new and high quality research which will be very helpful for future earth.	
BOT 104 C Pteridology, Gymnosperms	The students are made interested on the life cycle pattern and adaptations of different members of Ptridophytes and Gymnosperm. These groups. The students should acquire knowledge about the life cycle pattern, plants structure, morphology and reproduction. It will help them to identify the plant kingdom for further studies.	Pteridophytes and Gymnosperm are primitive to the angiosperm and the study of phylogeny and taxonomy of angiosperms This subject has a scope for high quality research which will be very helpful for future earth. The subject also trains student in different job in its economic grounds	
BOT 105 I.A. Assignment (20 marks), Seminar (20 marks), Tutorial etc. (10 marks)	Generating the ability to think independently and express that clearly in writing or oral discussions. Special deep thinking on		

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	three matters (two Assignments and one Seminar topic) will ensure their ability in better performance		
106CF: **Communicative English and Personality Development**	Acquiring communicative skills and developing leadership qualities	Apart from the employability outcomes listed earlier, this prepares students best to perform jobs that involve regular communication, both written and oral, in English.	
PG: Semester II			
BOT 201 C Plant Physiology	To understand how plants function and our ability to address applied questions. Understanding agricultural concerns, metabolic mechanisms, secondary products, cell physiologyand appreciation for plants as fascinating components in our planet.	Equip students with suitable skills and techniques related to plant physiology. This will assist them in their Research careers in Government Institutions. Furthermore a number of agro based industries employ persons have requisite skills and techniques in Plant Physiology	Uses ICT classes, guided reading, and developing soft skills to attain the desired outcome. More emphasis is placed on home assignments, self-development and analytical thinking.
BOT 202 C Biochemistry and Molecular Biology	Students will learn the metabolic patterns of plant and microbes and advanced techniques of biology.	The knowledge of this paper will surely place them in advantageous position to get a job in industry as well as academics.	
BOT 203 C Morphology, Palynology and Reproductive Biology	The objective is to study the external structure of plants for identification of the plant, palynology also involved in plant identification. The taxonomic and evolutionary importance of pollen morphology may be at specific generic or higher level. Pollen character have	Scope in different palynological research institutes and also in other institutes and departments.	

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	helped in differentiation of various taxa (Family Genera species), classification of newly discovered txa and in phylogenetic consideration.		
BOT 204 C Taxonomy of Angiosperm	To supply an appropriate method of identification of plants to contribute classification to trace the evolution and interpretation among the plants	Botanical Survey of India, Plant research institute, herbaria, drug research institutes	
BOT 205 I.A Assignment (20 marks), Seminar (20 marks), Tutorial (10 marks) and Library work	Generating the ability to think independently and express that clearly in writing or oral discussions. Special deep thinking on three matters (two Assignments and one Seminar topic) will ensure their ability in better performance		
206EF: **Human Rights and Value Education** OR **Yoga and Life Skills**	Developing life skills and soft skills, inculcating values and ethics in students to generate in fellow-feeling and social awareness.		
PG: Semester III			
BOT 301 C Cytogenetics and Plant Breeding Biostatistics	This paper includes knowledge in different multidisciplinary aspects and students may input their learning towards molecular biology, medical sciences, ecological sciences etc. This programme is helpful to researchers for further study. Students those preparing for NET, SET may also benefitted from this programme.	This modern subject has a great influence on different multidisciplinary areas and students get a lot of practical knowledge to be employed in several fields. Quality research works are also possible with having a sound knowledge on this.	
BOT 302 C Ethnobotany and Pharmacognosy, Tissue culture	Ethnobotany is for the study of plant products by the ethnic people. This makes the students more familiar with plant human direct interaction. Pharmacognosy	Students get employ in Botanical survey of India, different tribal cultural institutes and self employment. Pharmacological drug	

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	is the scientific study of crude drug yielding plants and their trade. Tissue culture establishes the modern technology for plant development in laboratory by micropropagation somatic embryogenesis and hybridization, rapid clonal propagation and production of transgenic plants. These are essential for studying Plant Biotechnology	yielding institute, company, research institutes.	
BOT 303 C Palaeobotany, Bioinstrumentation	Developing awareness and knowledge about the ancient world and the plants existing at that time. Bioinstrumentation will give students a greater appreciation of the latest instruments and techniques used in biology.	Students can pursue research careers in paleobotany especially works on ancient DNA in India and abroad. There are a number of private as well as government organisations that employ people with excellent knowledge of the latest instruments and techniques used in biology.	Combination of traditional classroom teaching, ICT classes, home assignments, and honing of secondary skills to attain the desired outcome. Emphasis is laid on critical thinking.
BOT 304 EA (Elective Major Course) Taxonomy of Angiosperms and Biosystematics	To supply an appropriate method of identification of plants to contribute classification to trace the evolution and interpretation among the plants	Botanical Survey of India, Plant research institute, herbaria, drug research institutes	
BOT 304 EB (Elective Major Course) Microbiology	Inculcating in students an interest in research work and developing Academic and environmental awareness in them through a critical study of the modern techniques and modern approach of the subject.	Utility of microorganisms are in different spheres and the student of microbiology can get employment in all of those areas like medical areas, environmental management, fertilizer companies, fermented products preparation and so on. Quality research works	

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		are also possible with having a sound knowledge on this.	
PG: Semester IV			
BOT 401C Ecology and Evolution	The knowledge of ecology is of great help in controlling soil erosion, restoration of wild lives and food control, pollution control to maintain the health of the ecosystem and by studying of reciprocal relationship between the organism and the environment Evolution is important for studding the origin and evolution of lives on the earth, the knowledge of which makes the life sustainable.		
BOT 402C Plant Anatomy, Silviculture	Generating in students an interest in plant structure and wood for having a wise approach in timber use, one of the most economically useful resources. The knowledge of forest and silviculture development is an important issue particularly in this 'junglemahal' areas	This subject is more directly involved with employability in forest service. The structure of plant body, wood structure, silviculture etc. has more employability in forest services. There is again a high scope for research here in this matter.	
BOT 403 I. A. Educational Excursion, Tutorial, Library work (Participation – 10 marks, Report – 30 marks, Viva – 10 marks) evaluated by the (Supervisor – 10 marks, All Faculties - 40 marks)	Making students aware of the knowledge in the nature or field and environmental interaction with the human beings. The library and laboratory work accumulate the practical knowledge and increase wiseness. Thus the students can got the chance of having a total systematic		

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	approach to fulfil all around academic development of the subject		
BOT 404 EA (Elective Major Course) Taxonomy of Angiosperms and Biosystematics	To supply an appropriate method of identification of plants to contribute classification to trace the evolution and interpretation among the plants. The elective major subject is taught throughout the year to acquire the more and proper knowledge of the special subject particularly with the plant environment interaction.	Botanical Survey of india, Plant research institute, herbaria, drug research institutes	
BOT 404 EB (Elective Major Course) **Microbiology**	Inculcating in students an interest in research work and developing Academic and environmental awareness in them through a critical study of the modern techniques and modern approach of the subject. The elective major subject is taught throughout the year to acquire the more and proper knowledge of the special subject. The development of microbes particularly in case of environmental and agricultural microbiology and biotechnology require year round study.	Utility of microorganisms are in different spheres and the student of microbiology can get employment in all of those areas like medical areas, environmental management, fertilizer companies, fermented products preparation and so on. Quality research works are also possible with having a sound knowledge on this.	
BOT 405 DN Dissertation Work (Start from 3rd Semester and will be continued upto 4th Semester) (To be assessed by HOD, supervisor and one External Expert	Generating the ability to think independently and express that clearly in writing or oral discussions. Training in extending research work is followed in this paper and it starts in the previous semester and end in this semester having a year around experience.	The students are desired to be get training for quality research work.	The utility of laboratory facilities are used properly. They are sent to different institutes for study with the different instruments. The internet facilities and library facilities are provided.

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Programme **Bachelor of Sciences in Botany (Honours)**	The outcome of the teaching/learning process is the overall integrated development of the learners. Students are motivated to learn, to establish themselves as independent individuals, and to create their own identity through their interest in and love of the subject. The B.Sc. in Botany Honours programme is focused on imparting knowledge and a love for the various related and interdisciplinary areas.	Students who complete this programme can find employment in academia (college and university teaching and school-teaching), support staff in any capacity requiring the use of biological knowledge, medical and pathological fields, horticulture, forestry and so on and various related administrative services and self employment in different related areas.	This programme uses a combination of traditional classroom teaching, ICT classes, project work, guided reading, and honing of secondary skills (especially soft skills) to attain the desired outcome. More emphasis is placed on research, the students' points of view, and the need to write concisely and effectively. For the self development in the higher thinking to do research work is trained in the project work and dissertation work which is one of the important aspect attainment of Programme / Course Outcome of the courses
Courses	**UG: Semester I**		
UG-SHBOT 101 C1 Phycology and Microbiology	The Students will be able to understand the distribution of algae and its importance as a part of plant kingdom. Students will be familiar with the microbes and their application in different aspects like environment, medical science, agriculture and soil sciences etc. The modern technology related to this subject will help the students to do better for the society	Utility of Algae microorganisms are in different spheres and the student can get employment in all of those areas like medical areas, environmental management, fertilizer companies and so on.	
UG-SHBOT 102 C2 Bio-molecules and Cell Biology	This is a modern and advanced subject interlinked with different other subjects like physiology, molecular biology, medical sciences,	This subject has direct relations with different multidisciplinary modern areas and students get a lot of	

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	instrumentation, statistics. Students with a good knowledge can easily understand the other interdisciplinary subjects and it will help them to advance him/her into higher studied.	practical knowledge to be employed in several fields. Quality research works are also possible with having a sound knowledge on this.	
UG-SHBOT 103 GE1 Plant Biodiversity (Microbes, Algae, Fungi, Archegoniatae)	A total knowledge regarding plant world and the distribution of them, their utility in society etc. are the main approach to study this course	Study of diverse knowledge increase the student's confidence on them can get employment in any suitable field.	
UG: Semester II			
UG-SHBOT 201 C3 Mycology and Plant Pathology	Making students familiar with the identification of various kinds of fungi (both microscopic and macroscopic). Students can easily understand the ecology and significance of fungi on various aspects for sustainable development. Student can also define easily about various fungal infections on common economic plants.	Apart from above students can apply various knowledge of Mycology, Plant Pathology on some other aspects also such as mushroom cultivation for both economic and nutritional benefit. The particular topic also makes the students more enthusiastic for further study.	
UG-SHBOT 202 C4 Archegoniatae (Bryophyta, Pteridophyta & Gymnosperm) and Palaeobotany	A total knowledge regarding plant world and the distribution of them, their utility in society etc. are the main approach to study this course. A search on the prehistoric plant lives and the trend of evolutionary history is also on aspect of this course.	Study of diverse knowledge increase the student's confidence on them can get employment in any suitable field.	
UG-SHBOT 203 GE2 Plant Ecology, Morphology, Taxonomy	Ecology and Environment as one of the most important aspect in the current global scenario and the students are gathering concept on global ecological issues. Plant morphology is one of the subjects to study plant	Study of this makes the students knowledge and make them confident for their employment in respective areas as Botanical Survey of India, Plant research institute, herbaria, drug	

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	diversity and taxonomy as the mother subject for the studying biological entities. The outcome of this paper is to understand the holistic approach of the biological world and there interaction.	research institutes etc.	
UG: Semester III			
UG-SHBOT 301 C5 Morphology and Anatomy of Angiosperm	Theses paper intends to generate interest in Plant structure - both external and internal thus creating a logical understanding in studying diversity and evolution of plant. Anatomy of wood also enables to bring wise approach in timber use, one of the most economically useful resources.		
UG-SHBOT 302 C6 Economic Botany	The students learn here relationship between plant and people. This paper intersects many fields such as agronomy, chemistry, anthropology, economy ethnobotany, geography, forestry, horticulture.	Students can gent employment different fields related to agronomy, anthropology, ethnobotany, forestry, horticulture etc.	
UG-SHBOT 303 C7 Genetics	The science of plant world is changing with the adaptation of the genetic makeup. The study of genes and invention of gentic laws in controlling biological structure requires the application of modern techniques helps the students to control the biological entities in several aspects and several areas. To enter into the higher studies in biology students have to gather a sound knowledge on Genetics		
UG-SHBOT 304 GE3	The genetic makeup of plants	This course will	

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Genetics and Plant Breeding	if used in better production from plant sources the breeding system shall be studied properly and students shall be able to use the practical knowledge of plant breeding if they think about higher study like research with plant stock. This programme is included as a powerful tool for manipulating life at the molecular level for synthesizing desired products and engineered suitable characters by the application of modern techniques..	specifically enable the students to take up jobs involving Horticulture, Floriculture and related sectors where crop improvement is done	
UG-SHBOT 305 SEC 1 Bio-fertilizer	The modern approach of the modern microbiology enables to treat the soil with microbe to increase soil fertility biologically. The insight in this knowledge will reduce the use of chemical fertilizers in the agricultural field	This course will specifically enable the students to take up jobs involving preparation of organic fertilizer in the agricultural field	
UG: Semester IV			
UG-SHBOT 401 C8 Molecular Biology	Will build on the students' knowledge on the molecular nature of the eukaryotic cell. It will introduce important approaches of molecular biology	Understand properties and significance of the major classes of molecules found in living organisms and structure function relationship. Conceptualize structural organization of genes, the control of gene expression, recombinant DNA technology, cloning and newer techniques. Employment prospects lie in various	Uses a combination of traditional classroom teaching, guided reading, and home assignments to attain the desired outcome.

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		biotechnology and pharma companies.	
UG-SHBOT 402 C9 Plant Ecology and Phytogeography	Ecology and Environment as one of the most important aspect in the current global scenario and the students are gathering concept on global ecological issues. Distribution of plants and there arrangement - both natural and manmade are studied for having a total view to relate the distribution pattern of plants to establish more sustainable plant community systems in the world		
UG-SHBOT 403 C10 Plant Systematics	To supply an appropriate method of identification of plants to contribute classification to trace the evolution and interpretation among the plants	Botanical Survey of India, Plant research institute, herbaria, drug research institutes. The students may get their job in the respective admininistrative areas also	
UG-SHBOT 404 GE4 Plant Physiology and Metabolism	To understand how plants function and our ability to address applied questions. Understanding agricultural concerns, metabolic mechanisms, secondary products, cell physiology and appreciation for plants as fascinating components in our planet.	Equip students with suitable skills and techniques related to plant physiology. This will assist them in their Research careers in Government Institutions. Furthermore a number of agro based industries employ persons have requisite skills and techniques in Plant Physiology	Uses traditional and ICT classes, guided reading, to attain the desired outcome. More emphasis is placed on home assignments, self-development and analytical thinking.
UG-SHBOT 405 SEC2 Mushroom Culture Technology	The students will be able to understand different aspects mushroom cultivation to know the use of them and to gather the proper	Students will be able to be self employed by this knowledge as mushroom has great demand in the society.	

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	knowledge of cultivating and marketing of mushroom and creating revenue.	They can also be employed in this sector	
UG: Semester V			
UG-SHBOT 501 C 11 Reproductive Biology of Angiosperm and Palynology	The students will be able to understand different reproductive parts of angiosperm and their functions. They also study about different kind of pollen grain, their structure and functions and also their effects on animals.	Students will be able to be self employed by this knowledge as different techniques of hybridization and also helps to know about pollen structure that can helps in forensic study.	
UG-SHBOT 502 C 12 Plant Physiology	To understand how plants function and our ability to address applied questions. Understanding agricultural concerns, metabolic mechanisms, secondary products, cell physiology and appreciation for plants as fascinating components in our planet.	Equip students with suitable skills and techniques related to plant physiology. This will assist them in their Research careers in Government Institutions. Furthermore a number of agro based industries employ persons have requisite skills and techniques in Plant Physiology	Uses traditional and ICT classes, guided reading, to attain the desired outcome. More emphasis is placed on home assignments, self-development and analytical thinking.
UG-SHBOT 503 DSE1 Natural Resource Management	Students shall be acquainted with the resources particularly of biological origin and their sustainability. Management of environment and sustainability shall be the main focuses		
UG-SHBOT 504 DSE2 Plant Breeding	For the improvement of human civilization and stabilization of natural variations and reshuffling, this programme led to modification of agricultural practices as the sub continent being one of the great beneficiaries of high yielding varieties. This subject undoubtedly fulfils		

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	all the desired criteria for further progress in higher education.		
UG: Semester VI			
UG-SHBOT 601 C 13 Plant Metabolism	Illustrate knowledge of stress adaptations in plant systems. Molecular understanding of primary and secondary metabolic process. Demonstrate the concept using latest tools for application in biotechnological research.	An understanding of biomolecules, metabolites and pathways and consequences of the physiological phenomenon for further manipulations. Familiarity with the plant environment interactions. A number of Government organisations like ICAR, Agricultural Universities etc. employ people in integrative research activities for understandingspecific biological problems.	A combination of traditional classroom teaching, ICT classes, guided reading, is used to attain the desired outcome. Emphasis is placed on seminars, home assignment.
UG-SHBOT 602 C 14 Plant Biotechnology	This course content of the paper makes student experienced with the knowledge of the plant in molecular level means how a plant can be grown artificially, how plants can be more productive and how the plants product quality can be changed genetically.	This course is at per standard with National level. The content of the course makes a student more knowledgeable at PG level and in future academics or job.	
UG-SHBOT 603 DSE3 Industrial and Environmental Microbiology	Making students familiar with the microbes and their application in preparation of different products essential for human civilization. Environment can be managed by the knowledge of this modern microbial knowledge.	Students can find job on the basis of knowledge of this. The sectors intended to alcohol preparation, medicine preparation, bio-fertilizer preparation and others may be the areas of getting job of the students	
UG-SHBOT 604 DSE4 Research Methodology	The course content of this paper designed in such a way that students get a clear	The students get motivated to opt their career in research and	

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	picture about what research means. The methods of research, copyright, plagiarism are well designed.	they can establish themselves in the standard research laboratories.	
Programme **Bachelor of Sciences (Botany Programme)**	The outcome of the teaching/learning process is the overall integrated development of the learners. Students are motivated to learn, to establish themselves as independent individuals, and to create their own identity through their interest in and love of the subject. The B.Sc. in Botany (Programme) programme is focused on imparting concise knowledge.	Students who complete this programme can find employment in academia (college and university teaching and school-teaching), support staff in any capacity requiring the use of biological knowledge, medical and pathological fields, horticulture, forestry and so on and various related administrative services and self employment in different related areas.	This programme uses a combination of traditional classroom teaching, ICT classes, project work, guided reading, and honing of secondary skills (especially soft skills) to attain the desired outcome.
Courses	**UG: Semester I**		
SPBOT/101/C-1A Plant Biodiversity (Microbes, Algae, Fungi, Archegoniatae)	A total knowledge regarding plant world and the distribution of them, their utility in society etc. are the main approach to study this course		
	UG: Semester II		
SPBOT/102/C-1B Plant Ecology, Morphology, Taxonomy	Ecology and Environment as one of the most important aspect in the current global scenario and the students are gathering concept on global ecological issues. Plant morphology is one of the subjects to study plant diversity and taxonomy as the mother subject for the studying biological entities. The outcome of this paper is to understand the holistic approach of the biological world and there interaction.		

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	UG: Semester III		
SPBOT/301/C-1C Genetics and Plant Breeding	The genetic makeup of plants if used in better production from plant sources the breeding system shall be studied properly and students shall be able to use the practical knowledge of plant breeding if they think about higher study like research with plant stock. This programme is included as a powerful tool for manipulating life at the molecular level for synthesizing desired products and engineered suitable characters by the application of modern techniques..	This course will specifically enable the students to take up jobs involving Horticulture, Floriculture and related sectors where crop improvement is done	
SPBOT/304/SEC 1 Bio-fertilizer	The modern approach of the modern microbiology enables to treat the soil with microbe to increase soil fertility biologically. The insight in this knowledge will reduce the use of chemical fertilizers in the agricultural field	This course will specifically enable the students to take up jobs involving preparation of organic fertilizer in the agricultural field	
	UG: Semester IV		
SPBOT/401/C-1D Plant Physiology and Metabolism	To understand how plants function and our ability to address applied questions. Understanding agricultural concerns, metabolic mechanisms, secondary products, cell physiology and appreciation for plants as fascinating components in our planet.	Equip students with suitable skills and techniques related to plant physiology. This will increase their employability in Agricultural Institutions and Agro-based industries.	A combination of traditional classroom teaching, ICT classes, guided reading, is used toattain the desired outcome. Emphasis is placed on seminars, home assignment.
SPBOT/404/SEC 2 Nursery and Gardening	The particular topic develops new skills of doing hand to hand including responsibilities for caring different plants in	Now a day there is huge scope to change the economics of an area by establishing a large nursery/garden/orchard	Field work is also necessary along with excursions in different established garden/nursery.

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	terms of nutrition, health, fitness etc. It will also grow the creativity among pupils. This topic will play an important role to expand the knowledge about the science of growing. It will also make behavioural changes among students.	etc as it serves the local people in many ways like job opportunity, recreation, food service, seedlings in desirable quality and quantity etc.	
	UG: Semester V		
SPBOT/501/DSE 1A Cell and Molecular Biology	Will build on the students' knowledge on the molecular nature of the eukaryotic cell. It will introduce important approaches of molecular biology	Understand properties and significance of the major classes of molecules found in living organisms and structure function relationship. Conceptualize structural organization of genes, the control of gene expression, recombinant DNA technology, cloning and newer techniques. Employment prospects lie in various biotechnology and pharma companies.	Uses a combination of traditional classroom teaching, guided reading, and home assignments to attain the desired outcome.
SPBOT/504/SEC 3 Medicinal Botany	Making students aware about the medicinal values of our country from the ancient age. They will be benefitted by knowing the different conservation strategies of plants. They also wondered by knowing the tradition knowledge of medicinal plants with their properties.	The particular topic has a scope for make the pupils a conservationist. They may apply the medicinal plants against different ailments without over exploitation.	This topic needs executions in different areas with proper guidance of concern teaches, local peoples, local Gunin, Ojhas etc.
	UG: Semester V		
SPBOT/601/DSE 1B Economic Botany and Biotechnology	Depth knowledge of some groups of plants and their importance in our daily life is the main outcome of this paper. The course content also highlights some	As a student of Botany, students can aware our society regarding the importance of plants and parts of plants. Students can also help to identify	

	advanced techniques which are parts of modern research going throughout the World.	those groups of plants and preserve them in the nature.	
SPBOT/604/SEC 4 Mushroom Culture Technology	Making students familiar with the microbes and their application in preparation of different products essential for human civilization. Environment can be managed by the knowledge of this modern microbial knowledge.	Students can find job on the basis of knowledge of this. The sectors intended to alcohol preparation, medicine preparation, bio-fertilizer preparation and others may be the areas of getting job of the students	